

**Chebogue Point - ICARTT Workshop March 10 and 11, 2005**  
**NOAA Aeronomy Laboratory, Boulder, Colorado**  
**David Skaggs Research Center – Room 2A305**  
**Agenda**

**Thursday March 10**

**8:00-8:20 am**            **Welcome & Introduction**

***0. David Parrish and Allen Goldstein***

- Objectives of meeting
- Goals proposed to address within ICARTT
- Data archive
- Develop list of planned presentations & journal papers

**8:20-10:00 am**            **4 talks + 20 min discussion period**

***1. Allen White – NOAA/ETL***

Preliminary analysis of wind profile and other meteorological observations from Chebogue Pt. during the ICARTT campaign

***2. Wayne Angevine - NOAA***

Boundary layer meteorology, especially with regard to Chebogue Pt. in the summer of 2004

***3. David Waugh - Meteorological Service of Canada***

Linking observations at Chebogue, on the Ron Brown and on the DC3 with TIMs data

***4. Richard Honrath - Michigan Technological University), Detlev Helmig - University of Colorado, and Paulo Fialho - University of the Azores***

Overview of Measurements at PICO-NARE Station during the ICARTT 2004 Intensive

**10:00-10:20 am**            **Break**

**10:20-12:00 noon**            **4 talks + 20 min discussion period**

***5. Allen Goldstein, Dylan Millet, Rupert Holzinger, Brent Williams, Dan Jaffe, Isaac Bertschi – University of California at Berkeley, University of Washington***

VOCs, CO, O<sub>3</sub>, CO<sub>2</sub>, Rn, etc at Chebogue Point during ICARTT

***6. Rupert Holzinger, Allen Goldstein – University of California, Berkeley***

PTRMS measurements of VOC's at Chebogue Point during ICARTT

***7. Jim Roberts – NOAA/Aeronomy Lab***

PANs Measurements at Chebogue Pt.

***8. Jennifer Murphy, Ron Cohen et al (Presented by Allen Goldstein), University of California at Berkeley***

LIF measurements of nitrogen oxides at Chebogue Point during ICARTT

**12-1:40 pm Lunch**

**1:40-3:00 pm 3 talks + 20 min discussion period**

***9. Tom Duck and Bernard Firanski - Dalhousie University***

Sun Photometer measurements at Chebogue Point during ICARTT

***10. Bernard Firansk and Tom Ducki - Dalhousie University***

Lidar measurements of aerosols at Chebogue Point during ICARTT

***11. Ellsworth Dutton – NOAA/CMDL***

Surface broadband irradiance and minimal clear-sky aerosol optical depth observations at Cheboque Point

**3:00-3:20 pm Break**

**3:20-5:00 pm 4 talks + 20 min discussion period**

***12, 13. Anne Thompson, Jacquelyn Witte – NASA, David Tarasick- Meteorological Service of Canada***

Yarmouth O3 sondes and regional meteorological data

***14. Owen Cooper - NOAA/Aeronomy Lab, and Andreas Stohol - NILU***

Satellite imagery and FLEXPART tracer products for Chebogue Point

***15. Stu McKeen - NOAA/Aeronom, Jim Wilczak - NOAA/ETL, Georg Grell - NOAA/FSL***

Availability of regional air quality forecast model results for Chebogue Point during the summer of 2004.

***16. Pius Lee – NOAA***

Particulate matter and aerosol optical thickness forecast by the Eta-CMAQ modeling system during an ozone episode during the ICARTT campaign

**5:00 pm Adjourn for Dinner**

## **Friday March 11**

### **8:00-10:00 am      5 talks + 20 min discussion period**

***17. Brent Williams, Susanne Hering, Nathan Kriesberg, Allen Goldstein – University of California, Berkeley and Aerosol Dynamics Inc.***

TAG measurements of speciated organic aerosols at Chebogue Point during ICARTT

***18. James Allan et al. - University of Manchester***

AMS measurements at Chebogue Point during ICARTT

***19. Alex Huffman, Peter DeCarlo, and Jose Jimenez – University of Colorado***

Additional analysis of AMS data: organic components, thermodynamic-AMS, and CCN closure

***20. Steve Cliff, Kevin Perry and Tony VanCuren – UC Davis, California Air Resources Board***

Size-segregated and time-resolved aerosol elemental composition at Chebogue Point and Acadia NP during ICARTT-ITCT-2K4

***21. Nicholas Patris, Hernandez, and Mark Thiemens – UC San Diego***

Isotopic Composition of SO<sub>4</sub> and NO<sub>3</sub> aerosols at Chebogue Point

### **10:00-10:20 break**

### **10:20-11:40 am      3 talks + 20 min discussion period**

***22. Susanne Hering, Aerosol Dynamics Inc. and John Ogren, NOAA/CMDL***

Particle Number Concentration and Nucleation Events at Chebogue Point

***23. Betsy Andrews & John Ogren – NOAA/CMDL***

Influence of fog on aerosol and ccn properties

***24. Joost DeGouw – NOAA/AL - Organic Aerosols in the Gulf of Maine: Perspective from the 2002 New England Air Quality Study***

### **11:40-1:00 pm      Open Discussion**

**Discuss list of planned presentations & journal papers.**

**Ideas for further scientific analysis and integration of analysis with other platforms.**

### **1:00 pm      Adjourn**